



UNLOCK SUPERPOWERS OF JDK 8 AND 11

ADAPT TO EVOLVING PERFORMANCE STANDARDS AND REDUCE COSTS WITHOUT THE NEED TO MIGRATE

Many companies continue to use JDK 8 & 11, even though they are notably less efficient than newer Java versions. Running workloads on JDK 8 & 11 comes with drawbacks such as:

Higher costs: Java™ 8 & 11 require more resources, translating to increased expenses compared to Java 17 and 21 for completing the same tasks.

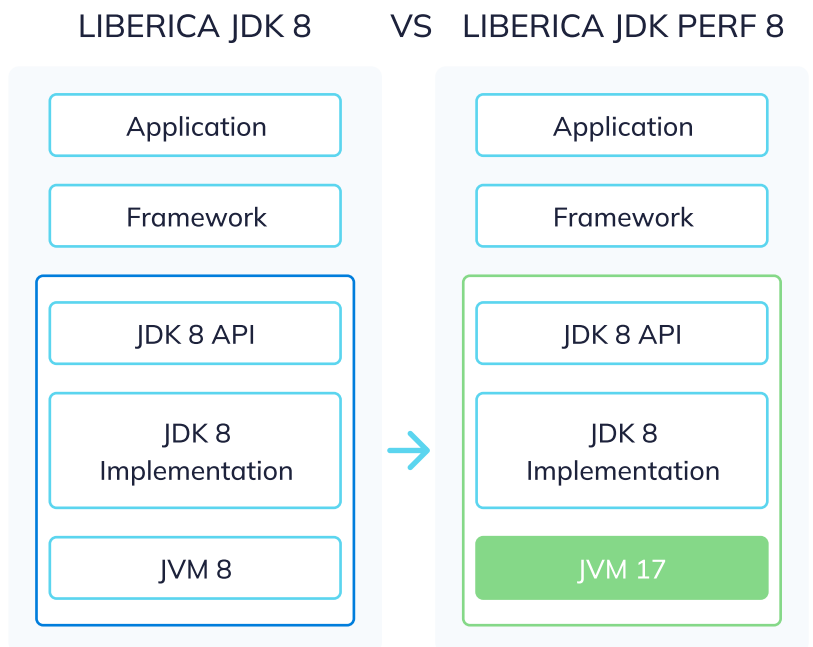
User dissatisfaction: Applications built on JDK 8 & 11 struggle to keep pace with user expectations due to increased latency and decreased throughput.

While migrating to JDK 17 and 21 presents a potential solution, the process is riddled with challenges — proving both costly and unpredictable. **IT'S NO WONDER WHY MANY FEEL TRAPPED IN THIS DILEMMA.**

REVITALIZE YOUR JAVA 8 & 11 WORKLOADS WITH LIBERICA JDK PERFORMANCE EDITION

Liberica JDK Performance Edition (or Liberica perf) seamlessly integrates the core JVM and HotSpot from JDK 17 directly into JDK 8 or 11 builds.

By updating just one component of your stack, you can accelerate response times, reduce resource usage, and cut costs.



TCK-verified

**Easier than migration:
little to no code changes**

Regular quarterly updates and long-term support

10-15% better performance instantly

REPLACE YOUR JVM AND INSTANTLY ACCELERATE RESPONSE TIMES FOR JAVA 8 & 11:

- Low-latency garbage collectors (sub-millisecond pauses)
- Better performance with G1 GC:
 - ↓ 96.5% shorter evacuation pause
 - ↑ 120% higher mean throughput
 - ↑ 23.7% higher peak throughput
 - ↓ 16.1% faster startup

EVEN MORE POWERFUL WITH ALPAQUITA LINUX

Paired with BellSoft's Alpaquita Linux, Liberica JDK Performance Edition significantly increases the performance of compression/decompression operations:

- ↑ 85% faster compression than OpenJDK 11/Alpine Linux 3.17
- ↑ 72% faster compression than OpenJDK 11/Debian 11
- ↑ 106% faster decompression than OpenJDK 11/Alpine Linux 3.17
- ↑ 91% faster decompression than OpenJDK 11/Debian 11

REDUCE CLOUD COSTS FOR RUNNING JAVA 8 AND 11 WORKLOADS:

WITHOUT Altering Your App:

Integrating Liberica Perf doesn't require the recompilation of your app.

WITHOUT Compromising Your SLAs and SLOs:

Liberica Perf ensures that your SLAs and SLOs remain intact by providing consistent performance and reliability.

WITHOUT Changing the Operating System within the Container:

Liberica Perf seamlessly integrates with your existing containerized environment without requiring root rights or additional configurations beyond setting specific flags.

WANT TO FIND OUT MORE? | CONTACT US!

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